

## ABSTRACT

A system for monitoring conditions relating to the status of items such as perishable food products stored in enclosed spaces has a number of sensors mounted in the spaces. Tables maintained by the system hold a description of the spaces to be monitored and the location and identity of the sensors within each space. The values detected by each sensor are periodically recorded and tested against benchmark values established for the stored items adjacent to the sensor. Values outside of the benchmark values create an alarm condition, and a set of alarm messages are displayed on a display unit. The alarm messages include suggested corrective actions. The user has the opportunity to signal to the system the corrective actions taken, and the system stores a record of these corrective actions in association with the corrective actions and the alarm condition.

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